

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Oren on 3/06/08.

The application has been amended as follows:

Claim 15 as has been amended as follow:

15. A mobile communication system comprising:

means for compare a synchronization detection threshold value set for each corresponding section of a time period, wherein a pilot bit error rate is calculated for the each corresponding section;

means for determine a synchronization detection for each section based on a result of said comparison~ wherein the comparing the synchronization detection threshold value includes:

means for calculating a pilot bit error rate (BER) of an uplink allocated to a finger, for a first section, and

means for comparing the first pilot BER calculated for the first section with a first synchronization detection threshold value set for the first section, and wherein the determining the synchronization detection includes:

means for determining the uplink is in synchronization status if the first pilot BER is smaller than the first synchronization detection threshold value, wherein the comparing the synchronization detection threshold value set further includes:

means for calculating a second pilot BER of the uplink for a second section when the first pilot BER is not smaller than the first synchronization detection threshold value, and

means for comparing the second pilot BER calculated for the second section with a second synchronization detection threshold value set for the second section, and wherein the determining the synchronization detection further includes:

means for determining the uplink is in synchronization status when the second pilot BER is smaller than the second synchronization detection threshold value.

Claim 21, lines 2 and 5, delete the phrase "logic configured" has been replaced with --- means for configured ---

Allowable Subject Matter

Claims 6-18 and 21-28 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding independent claim 6, the prior art fails to teach "judging the uplink is in synchronization status when the first pilot BER is smaller than the first synchronization detection threshold value; calculating a second pilot BER of the uplink for a second section when the first pilot BER is not smaller than the first synchronization detection threshold value", as cited in the claim.

Regarding claim 15, the prior fails to teach "comparing the second pilot BER calculated for the second section with a second synchronization detection threshold value set for the

second section, and wherein the determining the synchronization detection further includes: determining the uplink is in synchronization status when the second pilot BER is smaller than the second synchronization detection threshold value”, as cited in the claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu Nguyen whose telephone number is 571-272-7883.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Tu X Nguyen/

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/Edward Urban/

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